

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

Nokia Corporation Docket No. NC36918  
 Harrington & Smith, LLP Docket No.: 874.0117.U1(US)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**THERMALLY ENHANCED COMPONENT SUBSTRATE:  
 THERMAL BAR**

the specification of which

(check one) ☒ is attached hereto.

\_\_\_\_\_ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_

\_\_\_\_\_ and/or that was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of this application as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate(s) listed below and have also identified below any foreign application(s) for patent or inventor's certificate(s) having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s) Priority Claimed

\_\_\_\_\_  
 (Number) (Country) (Day/Mon/Year Filed) Yes \_\_\_ No

\_\_\_\_\_  
 (Number) (Country) (Day/Mon/Year Filed) Yes \_\_\_ No

I hereby claim benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Serial No.)	(Filing Date)	(Status)
--------------------------	---------------	----------

(Application Serial No.)	(Filing Date)	(Status)
--------------------------	---------------	----------

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the attorneys and/or agents listed below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Steven Shaw	39,368
Brian T. Rivers	41,270
Milan Patel	41,242
Thomas R. Weber	41,547
Wayne DeMello	48,601
Thomas B. Hayes	45,688
Robert C. Rolnik	37,995

and all Attorneys and/or Agents listed under **Customer Number: 29683** including:

NAMES	REGISTRATION NUMBERS
-------	----------------------

Mark F. Harrington	31,686
Harry F. Smith	32,493

**SEND CORRESPONDENCE TO:** Customer Number: **29683**.

**DIRECT TELEPHONE CALLS TO:** Harry F. Smith  
Telephone: (203) 925-9400  
Facsimile: (203) 944-0245

I hereby declare that all statements made herein of my own knowledge are true and that all

statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF INVENTOR	LAST NAME Nurminen	FIRST NAME Janne	MIDDLE NAME T
RESIDENCE CITIZENSHIP	STATE OR COUNTRY Oulunsalo, Finland	CITIZENSHIP Finland	
POST OFFICE ADDRESS	P.O. ADDRESS Honkakuja 3, 90460	CITY & COUNTRY Oulunsalo, Finland	

Inventor's  
Signature



Date 22.8.2003